REMARKS/ARGUMENTS

Applicants have canceled claims 1-19 and added claims 21-36 which include the requirements of canceled claims 2, 3, and 5-18 in method form. Applicants submit that added claims 21-36 are patentable over the cited art because they depend from claim 20, which is patentable over the cited art for the reasons discussed below.

1.   Claim 20 is Patentable Over the Cited Art

The Examiner rejected claim 20 as obvious (35 U.S.C. §103) over Bhat (U.S. Patent Pub. No. 1003/0055808) in view of Weber (U.S. Patent Pub. No. 2002/0184360) and Hiltgen (U.S. Patent Pub. No. 2003/0073532). Applicants traverse for the following reasons.

Claim 1 recites a method for responding to an inquiry, comprising the following operations: identifying a Disk Array System as a class of device to be managed; identifying subcomponents of the Disk Array System; receiving the inquiry from a CIM Client Application, wherein the inquiry is a single inquiry from the CIM Client Application; receiving a unique ID for the Disk Array System; obtaining information from a CIMOM; wherein obtaining information from the CIMOM includes, given the unique ID for the Disk Array System, obtaining, responsive to receiving the single inquiry from the CIM Client Application: information regarding all component Storage Pools of the Disk Array System and information regarding all component Volumes of the Disk Array System, wherein the Disk Array System has properties spanning- a plurality of separate CIM Objects in the CIMOM; creating at least one Storage Object, wherein creating the at least one Storage Object includes identifying entities attached to the Disk Array System, and identifying parent-child relationships between the entities; populating the at least one Storage Object with information received from the CIMOM; wherein the at least one Storage Object includes a Storage Object corresponding with the Disk Array System; and sending the at least one Storage Object to the CIM Client Application.

The Examiner cited para. 86, 91, 101, 103, and 106 of Weber as teaching the claim requirements of wherein obtaining information from the CIMOM includes, given the unique ID for the Disk Array System, obtaining, responsive to receiving the single inquiry from the CIM Client Application: information regarding all component Storage Pools of the Disk Array System and information regarding all component Volumes of the Disk Array System, wherein the Disk

Array System has properties spanning a plurality of separate CIM Objects in the CIMOM. (Final Office Action, pg. 5) Applicants traverse.

The cited para. 103 mentions a monitor thread and RPC agent threads for each device monitor each device for configuration changes or other device events. An event listener management protocol thread is started to detect events from the device. For device monitoring, the agent thread is configured for listening.

Although the cited para. 103 discusses listening for device configuration changes, there is no teaching of the claim requirement of in response to receiving a single inquiry from a CIM client application, obtaining information regarding all components storage pools of the disk array system and on all component volumes.

Para. 86 mentions a detailed information window presenting properties for each device in the management domain, based on the node a user selects. Individual device nodes may be selected and when a device is selected, detailed information window displays certain device attributes of the selected node. Para. 91 mentions a logical view window illustrates the logical composition and properties of a selected device and the logical objects of the storage array are organized in a tree structure. Para. 101 mentions a management protocol server listening for management protocol requests that is queried via an RPC agent thread. Upon receiving device properties, a device connection table is built to provide a list of connections for the device. The cited para. 106 mentions start-up procedures for a management interface application.

Although the cited Weber discusses displaying information on a selected device and listening for and gathering information on devices, there is no teaching of the specific requirement of in response to receiving a single inquiry from a CIM client application, obtaining information regarding all components storage pools and all component volumes of the disk array system, where the disk array system has properties spanning a plurality of separate CIM objects in a CIMOM.

There is no teaching in the cited Weber or other references of the claimed operations for obtaining information from a CIMOM given the unique ID of a disk array system and in response to receiving a single inquiry from the CIM client.

Accordingly, claim 20 is patentable over the cited art because the cited combination does not teach all the claim requirements.

Conclusion

For all the above reasons, Applicant submits that the pending claims 20-36 are in condition for allowance. Applicants submit that no additional fee is needed. Nonetheless, should any additional fees be required, such as fees under 37 CFR §§1.16 and 1.17, please charge Deposit Account No. 09-0460.

The attorney of record invites the Examiner to contact him at (310) 553-7977 if the Examiner believes such contact would advance the prosecution of the case.

Dated: September 26, 2008   By:_____/David Victor/_____

David W. Victor
Registration No. 39,867
Tel: (310) 553-7977
Fax: 310-556-7984